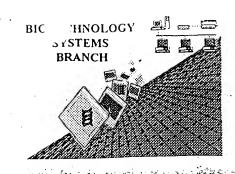
Y. Pak

## RAW SEQUENCE LISTING ERROR REPORT



#8 DmJ 3-33.01

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/619,047A	RECEIVED
Source:	1652	MAR 1 9 2001
Date Processed by STIC:	3-9-01	TECH CENTER 1600/2005

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: <a href="mailto:patin21help@uspto.gov">patin21help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: <a href="mailto:patin3help@uspto.gov">patin3help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

## Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST 25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

1652

## RECEIVED

MAR 1 9 2001

TECH CENTER 1600/2900

 RAW SEQUENCE LISTING
 DATE: 03/09/2001

 PATENT APPLICATION: US/09/619,047A
 TIME: 13:15:10

Input Set : A:\sequence

Output Set: N:\CRF3\03092001\1619047A.raw

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3 <110> APPLICANT: Leng, Jay
     5 <120> TITLE OF INVENTION: PROTEASE SPECIFIC CLEAVABLE LUCIFERASES AND METHODS OF
            USE THEREOF
     8 <130> FILE REFERENCE: 105175-159907
                                                                                      Does Not Comply
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/619,047A
                                                                                 Corrected Diskette Needed
C--> 11 <141> CURRENT FILING DATE: 2000-07-18
    13 <160> NUMBER OF SEQ ID NOS: 29
    15 <170> SOFTWARE: PatentIn Ver. 2.1
    17 <210> SEQ ID NO: 1
    18 <211> LENGTH: 936
    19 <212> TYPE: DNA
    20 <213> ORGANISM: Remilla remiformis
    22 <220> FEATURE:
    23 <221> NAME/KEY: CDS
    24 <222> LOCATION: (1)..(936)
    26 <400> SEQUENCE: 1
    27 atg act tog aaa gtt tat gat coa gaa caa agg aaa cgg atg ata act
                                                                         48
    28 Met Thr Ser Lys Val Tyr Asp Pro Glu Gln Arg Lys Arg Met Ile Thr
       .1
                       5
                                           10
    31 ggt ccg cag tgg tgg gcc aga tgt aaa caa atg aat gtt ctt gat tca
    32 Gly Pro Gln Trp Trp Ala Arg Cys Lys Gln Met Asn Val Leu Asp Ser
33 20 25 30
    35 tit att aat tat tat gat toa gaa aaa oat goa gaa aat got git att
    36 Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile
                                   40
    39 ttt tta cat ggt aac gcg gcc tct tet tat tta tgg cga cat gtt gtg
    40 Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val
    41 50
                            55
                                                   60
    43 cca cat att gag cca gta gcg cgg tgt att ata cca gat ctt att ggt
    44 Pro His Ile Glu Pro Val Ala Arg Cys Ile Ile Pro Asp Leu Ile Gly
                          70
    45 65
                                               75
    47 atg ggc aaa toa ggc aaa tot ggt aat ggt tot tat agg tta oft gat
                                                                         288
    48 Met Gly Lys Ser Gly Lys Ser Gly Asn Gly Ser Tyr Arg Leu Leu Asp
                       8.5
                                           90
    51 cat tac aaa tat ctt act gca tgg ttt gaa ctt ctt aat tta cca aag
                                                                         336
    52 His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys
    53
                 100
                                      1.05
                                                         1.10
    55 aag ate att ttt gte gge eat gat tgg ggt get tgt ttg gea ttt eat
    56 Lys Ile Ile Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His
                                                      125
              115
                                  120
    59 tat ago tat gag cat caa gat aag ato aaa goa ata gtt cac got gaa
    60 Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu
          1.30
                              1,35
                                                  140
```

63 agt gta gta gat gtg att gaa tca tgg gat gaa tgg cct gat att gaa 64 Ser Val Val Asp Val Ile Glu Ser Trp Asp Glu Trp Pro Asp Ile Glu 65 145  $150 \hspace{1.5cm} 155 \hspace{1.5cm} 160 \\ 67 \hspace{0.5cm} \text{gaa} \hspace{0.5cm} \text{gat} \hspace{0.5cm} \text{att} \hspace{0.5cm} \text{gga} \hspace{0.5cm} \text{gaa} \hspace{0.5cm} \text{gaa} \hspace{0.5cm} \text{gaa} \hspace{0.5cm} \text{aaa} \hspace{0.5cm} \text{atg} \hspace{0.5cm} \text{gat} \hspace{0.5cm} \text{atg} \hspace{0.5cm} \text{gat} \hspace{0.5cm} \text{gat} \hspace{0.5cm} \text{gaa} \hspace{0.5cm} \text{g$ 

 RAW SEQUENCE LISTING
 DATE: 03/09/2001

 PATENT APPLICATION:
 US/09/619,047A
 TIME: 13:15:10

Input Set : A:\sequence
Output Set: N:\CRF3\03092001\1619047A.raw

68 Glu Asp Ile Ala Leu Ile Lys Ser Glu Glu Gly Glu Lys Met Val Leu 165 170 71 gag aat aac ttc ttc gtg gaa acc atg ttg cca tca aaa atc atg aga 72 Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys 11e Met Arg 576 180 185 190 75 aag tta gaa cca gaa gaa ttt gca gca tat ctt gaa cca ttc aaa gag 76 Lys Leu Glu Pro Glu Glu Phe Ala Ala Tyr Leu Glu Pro Phe Lys Glu 77 195 200 205 77 195 79 aaa ggt gaa gtt egt egt eea aca tta tea tgg eet egt gaa ate eeg  $80~{\rm Lys}~{\rm Gly}~{\rm Glu}~{\rm Val}~{\rm Arg}~{\rm Arg}~{\rm Pro}~{\rm Thr}~{\rm Leu}~{\rm Ser}~{\rm Trp}~{\rm Pro}~{\rm Arg}~{\rm Glu}~{\rm Ile}~{\rm Pro}$ 210 215 220 83 tta gta aaa ggt ggt aaa cet gac gtt gta caa att gtt agg aat tat 84 Leu Val Lys Gly Gly Lys Pro Asp Val Val Gln Ile Val Arg Asn Tyr 230 235 87 aat get tat eta egt gea agt gat gat tta eea aaa atg ttt att gaa 768 88 Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu 89 245 250 255 91 tog gat coa gga the tit toe aat get att git gaa gge gee aag aag 92 Ser Asp Pro Gly Phe Phe Ser Asn Ala Ile Val Glu Cly Ala Lys Lys 93 260 265 270 95 ttt cet aat act gaa ttt gte aaa gta aaa ggt ett eat ttt teg caa 864 96 Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln 280 99 gaa gat goa oot gat gaa atg gga aaa tat atc aaa tog tto gtt gag 912 100 Glu Asp Ala Pro Asp Glu Met Gly Lys Tyr Ile Lys Ser Phe Val Glu 101 290 295 103 cga gtt ctc aaa aat gaa caa taa /  $1.04\ \mathrm{Arg}\ \mathrm{Val}\ \mathrm{Leu}\ \mathrm{Lys}\ \mathrm{Asn}\ \mathrm{Glu}\ \mathrm{Gln}$ 105 305 108 <210> SEQ ID NO: 2 109 <211> LENGTH: 311 1.10 <212> TYPE: PRT 111 <213> ORGANISM: Renilla reniformis 113 <400> SEQUENCE: 2 114 Met Thr Ser Lys Val Tyr Asp Pro Glu Gln Arg Lys Arg Met Ile Thr . 10 116 Gly Pro Gln Trp Trp Ala Arg Cys Lys Gln Met Asn Val Leu Asp Ser 117  $\phantom{\bigg|}20\phantom{\bigg|}25\phantom{\bigg|}30\phantom{\bigg|}$ 118 Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile 119 35 40 120 Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val 121 50 55 60 122 Pro His Ile Glu Pro Val Ala Arg Cys Ile Ile Pro Asp Leu Ile Gly 123 65 70 124 Met Gly Lys Ser Gly Lys Ser Gly Asn Gly Ser Tyr Arg Leu Leu Asp 125  $\phantom{000}85\phantom{000}$  95 126 His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys 127  $\phantom{\bigg|}100\phantom{\bigg|}$  100  $\phantom{\bigg|}105\phantom{\bigg|}$  110 128 Lys Ile Ile Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His

 RAW SEQUENCE LISTING
 DATE: 03/09/2001

 PATENT APPLICATION: US/09/619,047A
 DATE: 03/109/2001

 TIME: 13:15:10

Input Set : A:\sequence

Output Set: N:\CRF3\03092001\1619047A.raw

```
130 Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu
131 130 135
                                       140
132 Ser Val Val Asp Val Tle Glu Ser Trp Asp Glu Trp Pro Asp Tle Glu
              150
                                            155
134 Glu Asp The Ala Leu He Lys Ser Glu Glu Gly Glu Lys Met Val Leu
                               1.70
135
      165
                                                            1.75
136 Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys Ile Met Arg
               1.80
                                  185
138 Lys Leu Glu Pro Glu Glu Phe Ala Ala Tyr Leu Glu Pro Phe Lys Glu
139 195
                       200
                                              205
140 Lys Gly Glu Val Arg Arg Pro Thr Leu Ser Trp Pro Arg Glu Ile Pro
141 210
                 215
                                       220
142 Leu Val Lys Gly Gly Lys Pro Asp Val Val Gln Lie Val Arg Asn Tyr
143 225 230 230 235 240
144 Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu 145 \phantom{\bigg|} 245 \phantom{\bigg|} 250 \phantom{\bigg|} 255
146 Ser Asp Pro Gly Phe Phe Ser Asn Ala IIe Val Glu Gly Ala Lys Lys
147 260
                         265
                                                         270
148 Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln
149 275
                      280
                                                   285
150 Glu Asp Ala Pro Asp Glu Met Gly Lys Tyr Ile Lys Ser Phe Val Glu 151 \phantom{\bigg|}290\phantom{\bigg|}295\phantom{\bigg|}
152 Arg Val Leu Lys Asn Glu Gln
153 305
157 <210> SEQ ID NO: 3
158 <211> LENGTH: 936
159 <212> TYPE: DNA
160 <213> ORGANISM: Renilla reniformis (mutated sequence)
162 <220> FEATURE:
163 <221> NAME/KEY: CDS
164 <222> LOCATION: (1)..(936)
166 <400> SEQUENCE: 3
167 atg act tog aaa gtt tat gat ooa gaa caa agg aaa ogg atg ata act
168 Met Thr Ser Lys Val Tyr Asp Pro Glu Gln Arg Lys Arg Met Ile Thr
             5
                                         1.0
171~\mathrm{ggt}~\mathrm{ccg}~\mathrm{cag}~\mathrm{tgg}~\mathrm{tgg}~\mathrm{gcc}~\mathrm{aga}~\mathrm{tgt}~\mathrm{aaa}~\mathrm{caa}~\mathrm{atg}~\mathrm{aat}~\mathrm{gtt}~\mathrm{ctt}~\mathrm{gat}~\mathrm{tca}
                                                                         96
172 Gly Pro Gln Trp Trp Ala Arg Cys Lys Gln Met Asn Val Leu Asp Ser
173 20 25 30
1.75 ttt att aat tat tat gat tea gaa aaa eat gea gaa aat get gtt att
                                                                         144
176 Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile
           35
                                  40
179 ttt tta cat ggt aac gcg gcc tct tct tat tta tgg cga cat gtt gtg
180 Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val
181. 50
                     55
                                                60
183 cca cat att gag cca gta gcg cgg tgt att ata cca gat ctt att ggt
184 Pro His Ile Glu Pro Val Ala Arg Cys Ile Ile Pro Asp Leu Ile Gly.
185 65 70 75 80
187 atg ggc aaa toa ggc aaa tot ggt aat ggt tot tat agg tta ott gat
                                                                         288
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RAW SEQUENCE LISTING DATE: 03/09/2001 PATENT APPLICATION: US/09/619,047A TIME: 13:15:10

Input Set : A:\sequence

Output Set: N:\CRF3\03092001\1619047A.raw

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188 Met Gly Lys Ser Gly Lys Ser Gly Asn Gly Ser Tyr Arg Leu Leu Asp
                 8.5
191 cat the aga that ett act god tgg ttt gam ett ett mat ttm een mag
                                                                       336
192 His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys
               100
                                   105
195 aag ate att tit gie gge eat gat igg ggi get igt itg gea tit eat
196 Lys Ile Tle Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His
197 115
                              1.20
                                                   1.25
199 tat ago tat gag cat caa gat aag ato aaa goa ata gtt cao got gaa
200 Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu
201 130
                            135
                                                140
203 agt gta gta gat gtg att gaa toa tgg gat gaa tgg oot gat att gaa
204 Ser Val Val Asp Val 11e Glu Ser Trp Asp Glu Trp Pro Asp 11e Glu
                      150
                                           155
205 145
207 gaa gat att gcg ttg atc aaa tct gaa gaa gga gaa aaa atg gtt ttg
208 Glu Asp Ile Ala Leu Ile Lys Ser Glu Glu Gly Glu Lys Met Val Leu
                   165
211 gag aat aac tto tto gtg gaa ace atg ttg eca tea aaa ate atg aga
212 Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys Tie Met Arg
213
              180
                                   185
                                                        190
215 aag tta gaa cca gac gaa gtt gac gca tat ctt gaa cca ttc aaa gag
216 Lys Leu Glu Pro Asp Glu Val Asp Ala Tyr Leu Glu Pro Phe Lys Glu
217 195 200 205
219 aaa ggt gaa gtt cgt cgt cca aca tta tca tgg cct cgt gaa atc ccg
220 Lys Gly Glu Val Arg Arg Pro Thr Leu Ser Trp Pro Arg Glu Tle Pro
221 21.0
                          215
                                               220
223 tta gta aaa ggt ggt aaa oot gao gtt gta caa att gtt agg aat tat
224 Leu Val Lys Gly Gly Lys Pro Asp Val Val Gln Ile Val Arg Asn Tyr
                       230
                                   235
227 aat get tat eta egt gea agt gat tta eea aaa atg tit att gaa
                                                                       768
228 Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu
229
                   245
                                        250
231 tog gat oca gga tto ttt too aat get att gtt gaa ggo goo aag aag
232 Ser Asp Pro Gly Phe Phe Ser Asn Ala Tle Val Glu Gly Ala Lys Lys 233 260 265 270
235 ttt cct aat act gaa ttt gtc aaa gta aaa ggt ctt cat ttt tcg caa
236 Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln
                               280
239 gaa gat goa oot gat gaa atg gga aaa tat ato aaa tog tto gtt gag
240 Glu Asp Ala Pro Asp Glu Met Gly Lys Tyr Ile Lys Ser Phe Val Glu
241. 290
                 295
                                               300
243 cga gtt etc aaa aat gaa caa taa 🗸
244 Arg Val Leu Lys Asn Glu Gln
245 305
248 <210> SEQ ID NO: 4
249 <211> LENGTH: 311
250 <212> TYPE: PRT
251 <213> ORGANISM: Renilla reniformis (mutated sequence)
253 <400> SEQUENCE: 4
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RAW SEQUENCE LISTING DATE: 03/09/2001
PATENT APPLICATION: US/09/619,047A TIME: 13:15:10

Input Set : A:\sequence
Output Set: N:\CRF3\03092001\1619047A.raw

254 Met Thr Ser Lys Val Tyr Asp Pro Gl $\dot{u}$  Gln Arg Lys Arg Met 11e Thr 255 1 5 1.0 256 Gly Pro Gln Trp Trp Ala Arg Cys Lys Gln Met Asn Val Leu Asp Ser 257 20 25 30 . 20 25 258 Phe Ile Asn Tyr Tyr Asp Ser Glu Lys His Ala Glu Asn Ala Val Ile 259  $\phantom{+}35\phantom{+}40\phantom{+}45\phantom{+}$ 260 Phe Leu His Gly Asn Ala Ala Ser Ser Tyr Leu Trp Arg His Val Val 261 50 55 60 262 Pro His The Glu Pro Val Ala Arg Cys The Lie Pro Asp Leu Ile Gly 263  $\,$  65  $\,$  70  $\,$  75  $\,$  80 264 Met Gly Lys Ser Gly Lys Ser Gly As<br/>n Gly Ser Tyr Arg Leu Leu Asp 265 90 95 266 His Tyr Lys Tyr Leu Thr Ala Trp Phe Glu Leu Leu Asn Leu Pro Lys 267  $\phantom{\bigg|}100\phantom{\bigg|}$  .  $\phantom{\bigg|}105\phantom{\bigg|}$  .  $\phantom{\bigg|}105\phantom{\bigg|}$ 268 Lys Ile Ile Phe Val Gly His Asp Trp Gly Ala Cys Leu Ala Phe His 269 \$115\$ 120 125270 Tyr Ser Tyr Glu His Gln Asp Lys Ile Lys Ala Ile Val His Ala Glu 271 130 135 140 272 Ser Val Val Asp Val Ile Glu Ser Trp Asp Glu Trp Pro Asp 11e Glu 273 145 150 150 155 160 274 Glu Asp Ile Ala Leu Ile Lys Ser Glu Glu Gly Glu Lys Met Val Leu 275 165 170 175 276 Glu Asn Asn Phe Phe Val Glu Thr Met Leu Pro Ser Lys Ile Met Arg 277  $\phantom{\bigg|}180\phantom{\bigg|}185\phantom{\bigg|}185\phantom{\bigg|}$ 278 Lys Leu Glu Pro Asp Glu Val Asp Ala Tyr Leu Glu Pro Phe Lys Glu 279 195 200 205 280 Lys Gly Glu Val Arg Arg Pro Thr Leu Ser Trp Pro Arg Glu Ile Pro 281 210 215 220 282 Leu Val Lys Gly Gly Lys Pro Asp Val Val Gln Ile Val Arg Asn Tyr 283 225 230 235 240 284 Asn Ala Tyr Leu Arg Ala Ser Asp Asp Leu Pro Lys Met Phe Ile Glu 285 245 250 250 286 Ser Asp Pro Gly Phe Phe Ser Asn Ala Ile Val Glu Gly Ala Lys Lys 287  $\phantom{\bigg|}260\phantom{\bigg|}$  265  $\phantom{\bigg|}270\phantom{\bigg|}$ 288 Phe Pro Asn Thr Glu Phe Val Lys Val Lys Gly Leu His Phe Ser Gln 289 275 280 285 290 Glu Asp Ala Pro Asp Glu Met Gly Lys Tyr Ile Lys Ser Phe Val Glu 291 . 290 295 300 292 Arg Val Leu Lys Asn Glu Gln 293 305 310 293 305 31.0 297 <210> SEQ ID NO: 5 298 <21.1> LENGTH: 8 299 <212> TYPE: PRT 300 <213> ORGANISM: Artificial Sequence 302 <220> FEATURE: 303 <223> OTHER INFORMATION: Description of Artificial Sequence: Protease 304 recognition sequences 306 <400> SEQUENCE: 5 307 Ser Gln Asn Tyr Pro Ile Val Gln

)9/6/9,047/A

Seg #27 <210> 27 <211> 8 <212> PRT > Missing mondatory (220), (223) <213> Artificial Sequence <400> 27 features to explain source Arg Pro Leu Gly Ile Ile Gly Gly of the artificial sequence.

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/619,047A

DATE: 03/09/2001 TIME: 13:15:11

Input Set : A:\sequence

Output Set: N:\CRF3\03092001\I619047A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:551 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:22 L:551 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:22 L:551 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:22 L:568 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:23 L:568 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23 L:568 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:23 L:613 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:26 L:613 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:26 L:613 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:26 L:613 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:26 L:622 M:258 W: Mandatory Feature missing, <220> FEATURE: L:622 M:258 W: Mandatory Feature missing, <220> FEATURE: L:622 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: